

**Claims:**

1. A drug composition to be applied topically for promoting the regeneration of tissue, characterized in that
  - it contains microparticles from blood cells and/or tissues which have been purified by differential centrifugation, filtration or affinity chromatography,
  - it has been subjected to a procedure for virus inactivation and/or virus depletion,
  - it has been prepared under sterile conditions, and
  - it is provided in freeze-dried or deep-frozen state.
2. A drug composition according to claim 1, characterized in that it contains soluble or insoluble substances promoting wound healing.
3. A drug composition according to claim 1 or claim 2, characterized in that it contains cytokines and/or growth factors.
4. A drug composition according to any of claims 1 to 3, characterized in that it contains a substance which constitutes or may form a provisional extracellular matrix.
5. A drug composition according to any of claims 1 to 4, characterized in that it contains collagen.
6. A drug composition according to any of claims 1 to 5, characterized in that it contains fibrinogen and thrombin for the formation of a fibrin scaffold.
7. A drug composition according to claim 4, characterized in that an organic polymer, in particular a polyacton, is used as the provisional extracellular matrix.
8. A drug composition according to any of claims 1 to 7, characterized in that it contains inorganic compounds.
9. A drug product characterized in that it exhibits:
  - a drug composition according to any of claims 1 to 8 and
  - a biocompatible material which is applied together with the drug composition.
10. A drug product according to claim 9, characterized in that the biocompatible material is titanium or an apatite.

11. A process for promoting the regeneration of tissue, in particular the regeneration of bone tissue, characterized in that a drug composition according to any of claims 1 to 8 is applied together with a biocompatible material, in particular titanium or an apatite.
12. The use of an aqueous suspension which contains virus-inactivated microparticles from blood cells and/or tissues for the preparation of a drug composition for accelerating cell growth, in particular the growth of osteoblasts.